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DEPARTMENT OF THE AIR FORCE

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1985
SUBMITTED TO CONGRESS FEBRUARY 1984



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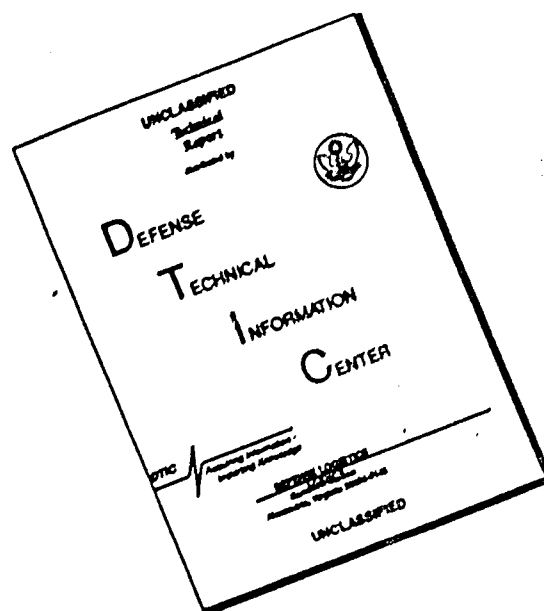
Other Procurement, Air Force

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DEPARTMENT OF THE AIR FORCE

TABLE OF CONTENTS

OTHER PROCUREMENT, AIR FORCE

Appropriation Language.....	1
Basic Program Financing.....	2
Basic Object Classification.....	3
Program & Financing	
1981 Fiscal Year Program.....	4
1982 Fiscal Year Program.....	5
1983 Fiscal Year Program.....	6
1984 Fiscal Year Program.....	7
1985 Fiscal Year Program.....	8
Budget Activity Justification	
Munitions & Associated Equipment.....	9
Vehicular Equipment.....	12
Electronics & Telecommunications Equipment.....	15
Other Base Maintenance & Support Equipment.....	18
Comparison of FY 1984 Program & Financing.....	21
Comparison of FY 1983 Program & Financing.....	25

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OTHER PROCUREMENT, AIR FORCE

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; the purchase of not to exceed two vehicles required for the physical security of overseas personnel notwithstanding price limitations applicable to passenger carrying vehicles but not to exceed \$110,000 per vehicle and the purchase of not to exceed one thousand six hundred and twenty-eight passenger motor vehicles of which one thousand three hundred and seventy-seven shall be for replacement only and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land without regard to Section 9774 of Title 10, United States Code, for the foregoing purposes, and such lands and interests therein may be acquired, and construction prosecuted thereon prior to the approval of Title as required by Section 355, Revised Statutes, as amended: reserve plant and Government and contractor-owned equipment layaway \$9,561,500 to remain available for obligation until September 30, 1987. (5 U.S.C. 3109; 10 U.S.C. 2110, 2353, 2386, 8812, 9505, 9531-32, 31 U.S.C. 1301, 1343-44 50 U.S.C. 4914) 94 Department of Defense Appropriation Act, 1984; additional authorization legislation to be proposed.)

3080f Other Procurement, Air Force
Program and Financing (in thousands of dollars)

01 Feb 84
FYP SUMMARY

TPGE 44

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code	57-3080-0-1-051	1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities							
Direct Program							
1.	Munitions and associated equipment	759,685	863,969	1,424,576	683,946	842,841	1,190,076
2.	Vehicular equipment	346,876	314,050	441,598	307,209	401,239	413,830
3.	Electronics and telecommunications	1,330,177	1,680,503	2,692,730	1,134,799	1,522,841	2,623,799
4.	Other base maintenance and support	3,075,212	4,037,415	5,002,596	3,218,963	4,048,860	4,723,876
Total direct program		5,511,950	6,895,937	9,561,500	5,344,917	6,815,781	8,951,581
Reimbursable program		189,088	228,050	256,600	186,087	223,208	249,500
10.0001	Total Obligations	5,701,038	7,123,987	9,818,100	5,531,004	7,038,989	9,201,081
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-170,652	-198,770	-226,460	-152,191	-198,770	-226,460
13.0001	Trust funds(-)	-16,730	-23,130	-23,130	-20,747	-23,130	-23,130
14.0001	Non-federal sources(-)	-1,706	-6,150	-7,010	-2,898	-6,150	-7,010
17.0001	Recovery of prior year obligations(-):				-41,288		
Unobligated balance available, start of year							
21.4002	For completion of prior year budget plan				-1,370,003	-1,522,044	-1,607,042
21.4003	Available to finance new budget plans	-4,963			-4,963		
21.4007	Reprogramming from or to prior year budget	-46,030					
22.4001	Net unobligated balance transferred	967			967		
Unobligated balance available, end of year							
24.4002	For completion of prior year budget plan				1,522,044	1,607,042	2,224,061
25.0001	Reappropriation	50,026			50,026		
39.0001	Budget authority	5,511,950	6,895,937	9,561,500	5,511,950	6,895,937	9,561,500
Budget authority:							
40.0001	Appropriation	5,566,987	6,914,232	9,561,500	5,566,987	6,914,232	9,561,500
40.0002	Reduction pursuant to P.L. 97-377	-17,800			-17,800		
41.0001	Transferred to other accounts(-)	-42,200	-18,295		-42,200	-18,295	
43.0001	Appropriation (adjusted)	5,506,987	6,895,937	9,561,500	5,506,987	6,895,937	9,561,500
50.0001	Reappropriation	4,963			4,963		
Relation of obligations to outlays:							
71.0001	Obligations incurred, net				5,355,168	6,810,939	8,944,481
72.4001	Obligated balance, start of year				2,801,318	3,416,918	4,179,457
74.4001	Obligated balance, end of year				-3,416,918	-4,179,457	-5,641,738
77.0001	Adjustments in expired accounts				6,224		
78.0001	Adjustments in unexpired accounts				-41,288		
90.0001	Outlays				4,704,505	6,048,400	7,482,200

3080f Other Procurement, Air Force
Object Classification (in Thousands of dollars)

01 Feb 84

TPOE 45

Identification code	57-3080-0-1-051	1983 actual	1984 est.	1985 est.
Direct obligations:				
13.1001	Equipment	5,344,917	6,815,781	8,951,581
19.9001	Total Direct obligations:	5,344,917	6,815,781	8,951,581
Reimbursable obligations:				
23.1001	Equipment	186,067	223,208	249,500
29.9001	Total Reimbursable obligations:	186,067	223,208	249,500
99.9901	Total Obligations	5,531,004	7,038,989	9,201,081

3080f Other Procurement, Air Force
Program and Financing (in Thousands of dollars)

TPOE 39
01 Feb 84
FISCAL YEAR 1981

Identification code	Budget Plan (amounts for actions programmed)			Obligations		
	1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities						
Direct Program:						
1. Munitions and associated equipment				12,429		
2. Vehicular equipment				10,964		
3. Electronics and telecommunications equ				138,903		
4. Other base maintenance and support eq				26,117		
Total direct program				190,413		
Reimbursable program				7,131		
10.0001 Total Obligations				197,544		
Financing:						
Offsetting collections from:						
11.0001 Adjustment to prior year federal fund or				-2,385		
13.0001 Adjustment to prior year trust fund orde				-494		
17.0001 Recoveries of prior year obligations(-)				-5,476		
21.4002 Unobligated balance available, start of year						
For completion of prior year budget plans				-235,219		
21.4007 Reprograming from or to prior year budget pl	-46,030					
22.4001 Net unobligated balance transferred	967			967		
25.0001 Unobligated balance lapsing	45,063			45,063		
39.0001 Budget authority						

3080F Other Procurement, Air Force
Program and Financing (in Thousands of dollars)

TPOE 40
01 Feb 84
FISCAL YEAR 1982

Identification code	57-3080-0-1-051	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities							
Direct Program:							
1.	Munitions and associated equipment				36,852	75,995	
2.	Vehicular equipment				95,327	23,907	
3.	Electronics and telecommunications equ				291,492	78,074	
4.	Other base maintenance and support eq				309,557	207,005	
Total direct program					733,228	384,981	
Reimbursable program					36,256		
10.0001	Total Obligations				769,484	384,981	
Financing:							
Offsetting collections from:							
11.0001	Adjustment to prior year federal fund or				20,846		
13.0001	Adjustment to prior year trust fund orde				-3,523		
14.0001	Adjustment to non-federal sources				-1,192		
17.0001	Recoveries of prior year obligations(-)				-35,812		
21.4002	Unobligated balance available, start of year						
21.4003	For completion of prior year budget plans				-1,134,784	-384,981	
22.4001	Available to finance new budget plans	-4,963			-4,963		
24.4002	Net unobligated balance transferred	4,963			4,963		
24.4002	Unobligated balance available, end of year						
24.4002	For completion of prior year budget plans				384,981		
39.0001	Budget authority						

3080f Other Procurement, Air Force
Program and Financing (in thousands of dollars)

01 Feb 84
FISCAL YEAR 1983

TPGE 41

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code	57-3080-0-1-051	1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities							
Direct Program:							
1.	Munitions and associated equipment	759,685			634,665	123,956	1,084
2.	Vehicular equipment	346,876			200,918	145,473	486
3.	Electronics and telecommunications equ	1,330,177			704,404	223,911	401,862
4.	Other base maintenance and support eq	3,075,212			2,881,289	163,029	30,894
Total direct program		5,511,950			4,421,276	656,369	434,306
Reimbursable program		189,088			142,700	46,388	
10.0001	Total Obligations	5,701,038			4,563,976	702,757	434,306
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-170,652			-170,652		
13.0001	Trust funds(-)	-16,730			-16,730		
14.0001	Non-federal sources(-)	-1,706			-1,706		
21.4002	Unobligated balance available, start of year						
	For completion of prior year budget plans						
22.4001	Net unobligated balance transferred	-4,963			-4,963	-1,137,063	-434,306
	Unobligated balance available, end of year						
24.4002	For completion of prior year budget plans				1,137,063	434,306	
25.0001	Reappropriation	4,963			4,963		
39.0001	Budget authority	5,511,950			5,511,950		
Budget authority:							
40.0001	Appropriation	5,566,987			5,566,987		
40.0002	Reduction pursuant to P.L. 97-377	-17,800			-17,800		
41.0001	Transferred to other accounts(-)	-42,200			-42,200		
43.0001	Appropriation (adjusted)	5,506,987			5,506,987		
50.0001	Reappropriation	4,963			4,963		

3080f Other Procurement, Air Force
Program and Financing (in thousands of dollars)

01 Feb 84
FISCAL YEAR 1984

TPGE 42

Identification code	57-3080-0-1-051	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities							
Direct Program:							
1.	Munitions and associated equipment		863,969		642,890	152,629	
2.	Vehicular equipment		314,050		231,659	55,046	
3.	Electronics and telecommunications equ		1,580,503		1,220,856	289,844	
4.	Other base maintenance and support eq		4,037,415		3,678,826	164,946	
Total direct program			6,895,937		5,774,431	662,465	
Reimbursable program			228,050		176,820	61,230	
10 0001	Total Obligations		7,123,987		5,951,251	713,695	
Financing:							
Offsetting collections from:							
11 0001	Federal funds(-)		-198,770		-198,770		
13 0001	Trust funds(-)		-23,130		-23,130		
14 0001	Non-federal sources(-)		-6,150		-6,150		
21 4002	Unobligated balance available, start of year						
	For completion of prior year budget plans					-1,172,736	
24 4002	Unobligated balance available, end of year						
	For completion of prior year budget plans				1,172,736	459,041	
39 0001	Budget authority		6,895,937		6,895,937		
Budget authority:							
40 0001	Appropriation		6,914,232		6,914,232		
41 0001	Transferred to other accounts(-)		-18,295		-18,295		
43 0001	Appropriation (adjusted)		6,895,937		6,895,937		

3080f Other Procurement, Air Force
Program and Financing (in Thousands of dollars)

01 Feb 84
FISCAL YEAR 1985
TPOE 43

Identification code	57-3080-0-1-051	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by Activities							
Direct Program:							
1.	Munitions and associated equipment			1,424,578			1,036,383
2.	Vehicular equipment			441,598			358,298
3.	Electronics and telecommunications equ			2,692,730			1,852,093
4.	Other base maintenance and support eq			5,002,596			4,528,036
Total direct program				9,561,500			7,854,810
Reimbursable program				256,600			188,270
10.0001	Total Obligations			9,818,100			8,053,080
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)			-226,480			-226,480
13.0001	Trust funds(-)			-23,130			-23,130
14.0001	Non-federal sources(-)			-7,010			-7,010
24.4002	Unobligated balance available, end of year For completion of prior year budget plans						1,785,020
40.0001	Budget Authority (Appropriation)			9,561,500			9,561,500

(In Thousands of Dollars)

Direct Program Requirements - FY 1986 -	\$2,235,559
Direct Program Requirements - FY 1985 -	1,424,576
Direct Program Requirements - FY 1984 -	863,969
Direct Program Requirements - FY 1983 -	759,685

ACTIVITY: Munitions and Associated Equipment

PART I - PURPOSE AND SCOPE

Provides munitions for Tactical and Strategic Forces including: cartridges, bombs, chaff and flare defensive countermeasures cartridges, armament training devices, spares and repair parts, and equipment modifications. This materiel is required for: (1) training of aircrews in weapon employment; (2) maintaining pilot-crew combat proficiency; (3) training weapons personnel in maintenance, storage, movement, assembly, and loading of munitions; and (4) the procurement of War Reserve Materiel (WRM) to meet specified inventory objectives.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1985 Program includes funds for the procurement of: Small Arms Ammunition; 20mm Training Cartridges; 30mm Training/High Explosive Incendiary/Armor Piercing Incendiary Cartridges; 40mm High Explosive Incendiary; Inflatable Retarders (BSU-49, BSU-50); Practice Bombs (BDU-33, MK-82); Guided Bombs and Laser Bomb Guidance Kits; CBU-89 (GATOR) mine and CBU-87 Combined Effects Munition (CEM); BIGEYE Chemical Bomb; Flares and Fuzes. These funds will provide for procurement of training, base defense and WRM munitions and associated equipment.

The FY 1986 Program requested for authorization will continue procurement of munitions required to meet training and WRM requirements.

The following table summarizes the program requirements for each of the major categories of munitions and associated equipment in the past, current, budget, and authorization year programs.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
1. Rockets and Launchers	\$ 2,712	\$ 3,508	\$ 26,652	\$ 26,719
2. Cartridges	190,106	269,475	289,519	269,546
3. Bombs	406,539	477,161	968,349	1,717,016
4. Targets	7,671	33	171	3,019
5. Other Items	108,252	71,577	88,813	115,145
6. Fuzes	39,016	37,806	44,006	92,349
7. Other Weapons	5,389	4,409	7,066	11,765
Total Direct Program Requirements	\$ 759,685	\$ 863,969	\$1,424,576	\$2,235,559

Major procurements planned in FY 1985 include:

Rockets and Launchers - Provides for procurement of practice rockets, rocket motors and miscellaneous rocket components to support training requirements. The \$23.1 million increase FY 1984 to FY 1985 is caused by increased peacetime consumption of the 2.75 inch rocket motor.

Cartridges - Provides for procurement of 20MM training and combat cartridges used in tactical aircraft guns, 30MM Training/High Explosive Incendiary (HEI) and Armor Piercing Incendiary (API) Cartridges used in the A-10 aircraft, and 40MM cartridges for gunships. The \$20.0 million increase from FY 1984 to FY 1985 is attributable to increased consumption for 30MM training and continuation of the fill of 30MM HEI and 20MM combat cartridge requirements and chaff cartridge requirements for WRM.

Bombs - Provides for procurement of inflatable retarders and practice bombs as well as increased procurement of the CBU-89 (GATOR) mine, the CBU-87 Combined Effects Munition (CEM) and the BIGEYE chemical bomb. The \$491 million increase from FY 1984 to FY 1985 is caused by the transition of LLLGB, CBU-87 and CBU-89 from low rate initial production toward full rate production and BIGEYE low rate initial production. The FY 1985 BIGEYE request provides for low rate component production and assembly of the BIGEYE weapon. The FY 1986 request provides for full-up bombs and the loading of FY 1985 funded bomb assemblies.

Targets - Provides for procurement of aerial tow targets for air-to-air gunnery training.

Other Items - Provides for procurement of a variety of flares, Spare and Repair Parts, and Modifications. The increase of \$17.2 million from FY 1984 to FY 1985 is caused by increased procurements of the MJU-2, MJU-10, and MJU-7B countermeasures flare, RR-141 chaff packages and spare and repair parts.

Fuzes - Provides for procurement of the FMU-139 and FMU-81 impact or short delay fuzes for bombs using retarders, and the MK-339 Mechanical Time Fuze for cluster munitions. The net increase of \$6.2 million from FY 1984 to FY 1985 is for increased production of the FMU-139 fuze and termination of the production of the FMU-81 fuze and the MK-339 Mechanical Time Fuzes.

Other Weapons - Provides for procurement of grenade launchers, M-60 machine guns, 40mm and GAU-5 machine guns, 9MM handguns and 81MM mortars. The increase of \$2.7 million from FY 1984 to FY 1985 is primarily attributable to the increased procurement of the 9MM handgun to replace the .38 caliber pistol.

(In Thousands of Dollars)

Direct Program Requirement - FY 1986	- \$ 488,418
Direct Program Requirement - FY 1985	- 441,598
Direct Program Requirement - FY 1984	- 314,050
Direct Program Requirement - FY 1983	- 346,876

ACTIVITY: Vehicular Equipment

PART I - PURPOSE AND SCOPE

Provides for all classes and types of mission related vehicles to support operational readiness of the active and reserve forces, including the capability to sustain a wartime surge of forces for the length of the conflict. Examples of vehicle types are forklifts and aircraft loaders, aircraft refuelers, aircraft launch and recovery vehicles, and fire fighting equipment.

PART II - JUSTIFICATION OF FUNDS REQUESTED

Provides for the procurement of critical general purpose, special purpose, and base maintenance vehicles and materiel handling equipment. Funds replacement for overage and uneconomical vehicles in order to improve combat readiness.

The FY 1986 Program requested for authorization will continue procurement to replace worn-out vehicles and add new vehicles required to meet new mission requirements.

The following table summarizes the program requirements for each of the major vehicle categories in the past, current, budget and authorization year programs.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
1. Passenger Carrying Vehicles	\$ 26,555	\$ 21,541	\$ 33,176	\$ 35,229
2. Cargo and Utility Vehicles	125,204	150,363	165,728	129,429
3. Special Purpose Vehicles	81,712	55,099	95,895	155,513
4. Firefighting Equipment	5,344	15,056	33,229	38,529
5. Materials Handling Equipment	36,353	19,456	44,796	53,399
6. Base Maintenance Support	71,708	52,535	68,774	76,319
Total Direct Program Requirements	\$ 346,876	\$ 314,050	\$ 441,598	\$ 488,418

Major procurement planned in FY 1985 include:

Passenger Carrying Vehicles - Provides for replacement of buses, ambulances, sedans and station wagons which are overage, worn-out and require excessive repair to maintain. The FY 1985 program is \$11.6 million greater than FY 1984, and it represents only 7.5% of the entire vehicle program. The FY 1985 program will replace only those passenger carrying vehicles in the cost critical age and maintenance categories. Also, we are filling new authorizations for new weapon systems and covering existing shortages.

Cargo and Utility Vehicles - This category includes vehicles required to transport air crews, distribute cargo and munitions, tow communications equipment, and expedite delivery of aircraft spare parts to the flightline. The \$15.4 million increase from FY 1984 to FY 1985 is attributable mainly to increased procurement of one ton and five ton cargo trucks.

Special Purpose Vehicles - This category provides for procurement of aircraft tow tractors, flightline equipment tow tractors, telephone installation and maintenance vehicles, and fuel, water and oil tank trucks. The FY 1985 request is \$40.8 million more than the FY 1984 request due to increased buys of the flightline tow tractor, refuse trucks, hydrant fuel trucks and a host of small buys under \$900,000.

Firefighting Equipment - Provides for procurement of equipment required for aircraft crash and rescue operations, and for structural fire protection of base property. The FY 1985 request is \$18.2 million more than FY 1984 primarily due to increased procurement of the P-19 and P-15 crash trucks and the P-8 pumper truck.

Materials Handling Equipment - Provides for procurement of forklifts and cargo loaders to support aerial port and munitions handling/loading operations. The FY 1985 request is \$25.3 million greater than FY 1984 due to the increase in procurement of 10,000 lb forklifts, the 25K A/C loader and the container lift truck.

Base Maintenance Support Equipment - Provides funding for construction and maintenance equipment required for airfields and grounds. The FY 1985 program is \$16.2 million greater than FY 1984 primarily due to increased procurement of watercraft, spares and repair parts and the 1,500 gallon water distributor.

(In Thousands of Dollars)

Direct Program Requirements - FY 1986 -	\$3,382,818
Direct Program Requirements - FY 1985 -	2,692,730
Direct Program Requirements - FY 1984 -	1,680,503
Direct Program Requirements - FY 1983 -	1,330,177

ACTIVITY: Electronics and Telecommunications Equipment

PART I - PURPOSE AND SCOPE

Provides ground electronic and telecommunications systems for command and control of the operational forces, the detection of hostile forces, and Air Force-wide communications.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested will ensure the continued worldwide command and control of our strategic and tactical forces through procurement of prime mission electronics and telecommunications equipment, modification kits, peculiar test equipment, and essential spare and repair parts. Provision is also made for the supporting structure requirements, such as enroute and terminal navigational and landing guidance; intelligence; and security of Air Force activities, facilities and personnel. Also included are items such as communications and navigation radio equipment, land-line communications equipment, detection and surveillance radars, communications security devices, data processing and display equipment, meteorological equipment, peculiar test equipment used in the operation and maintenance of these systems, and the spares, repair parts, components, and modification kits needed for assurance of effective and continued operation.

The FY 1986 Program will continue procurement of Electronics and Telecommunications Equipment primarily for the same purposes as outlined for FY 1985.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current budget, and authorization year programs:

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
1. Communications Security Equipment	\$ 138,983	\$ 86,851	\$ 121,201	\$ 173,889
2. Intelligence Programs	24,222	41,484	97,164	72,716
3. Electronic Programs	264,566	543,027	683,696	1,012,456
4. Special Comm-Electronics Projects	312,654	391,732	830,575	825,370
5. Air Force Communications	232,591	230,688	346,711	399,782
6. DCA Programs	23,039	36,141	37,697	143,350
7. Organization and Base	264,279	280,602	484,158	557,952
8. Modifications	69,843	69,978	91,528	117,295
Total Direct Program Requirements	\$1,330,177	\$1,600,503	\$2,692,730	\$3,302,818

Major procurements planned in FY 1985/1986 include:

Communications Security Equipment - This program is for the procurement and installation of devices for encryption and decryption of communications, to ensure security of voice, teletype and data communications. Included is equipment to secure data networks and tactical radios. The FY 1985 request is approximately \$34 million more than the FY 1984 program primarily because of increased FY 1985 requirements to support space system and secure voice programs.

Intelligence Programs - This program provides the equipment for worldwide USAF collection, processing and reporting of intelligence information.

Electronics Programs - This activity includes electronic equipment to augment existing systems and to replace obsolete equipment. Included is equipment for the Defense Support Program, Strategic Air Command Digital Information Network (SACDIN), TR-1 Ground Stations, submarine launched ballistic missile detection (PAVE PAWS), and aircraft detection (Distant Early Warning and OTH-B radars). The FY 1985 program increased approximately \$141 million over FY 1984 due primarily to increased procurement of the OTH-B radar and TR-1 Ground Stations.

Special Comm-Electronics Programs - This program procures electronic equipment to satisfy specific mission requirements. Included are Automatic Data Processing Equipment (ADPE), Air Base Defense Systems, Range Improvements, Base Level Data Automation, and the Consolidated Space Operations Center (CSOC). The FY 1985 program increase of approximately \$439 million is due to increased requirements in the ADPE, Air Base Defense, CSOC, Base Level Data Automation, and Range Improvement programs and the initiation of procurement of ground stations for the Precision Location Strike System.

Air Force Communications - These programs are the primary Air Force Communications terminal equipments used to provide common user facilities. Included are satellite communication terminals, equipment used in communications centers, and tactical ground equipment. The FY 1985 program increase of approximately \$116 million is due to increased requirements in the Telephone Exchange, Joint Tactical Communications, teletypewriter, and satellite terminal programs and initiation of equipment for USCENTCOM.

DCA Programs - These programs are in support of the Defense Communications System. Included are the Wide-band Systems Upgrade and Minimum Essential Emergency Communications Net (MEECN). The FY 1985 program is funded at approximately the same level as the FY 1984 program.

Organization and Base - This program procures electronic equipment for individual Air Force units and bases. It includes TV equipment, mobility radios, and spares and repair parts. The FY 1985 program increase of approximately \$204 million is caused by the requirement for additional spares and repair parts.

Modifications - This program is for the modification of existing electronic equipment to increase reliability, provide a new or increased capability or correct an operational deficiency. The FY 1985 program increase of approximately \$22 million is due to increased requirements for tactical equipment modifications and initiation of the Logistic Replacement Program to replace communications equipment which is no longer supportable.

(In Thousands of Dollars)

Direct Program Requirements - FY 1986 -	\$5,792,652
Direct Program Requirements - FY 1985 -	5,002,596
Direct Program Requirements - FY 1984 -	4,037,415
Direct Program Requirements - FY 1983 -	3,075,212

ACTIVITY: Other Base Maintenance and Support Equipment

PART I - PURPOSE AND SCOPE

Provide ground support equipment, not otherwise provided with the major weapons systems, for operational forces and supporting structure. Included are test equipment, personal safety and rescue equipment, medical and dental equipment, and automated materials handling equipment for improving the efficiency of the Air Force supply and maintenance system, base maintenance equipment, electrical equipment, intelligence and reconnaissance equipment, and modifications. All equipment is essential for the day to day support of the forces in being as well as to sustain combat operations in wartime and to maintain the minimum quality of life for Air Force personnel.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested provide for: (1) test equipment for maintenance, calibration, repair and checkout of weapon systems, electronics equipment and communications apparatus; (2) personnel safety items to safeguard the lives of aircrews and other personnel, including chemical/biological defense equipment; (3) equipment for repair at base level maintenance shops, mechanization of materials handling systems at Air Force bases depots and passenger and cargo terminals; (4) portable electric generating power equipment and area lighting; (5) base support equipment, base level procurement of equipment with a unit cost of \$3,000 or more for medical, food service, repair, real property maintenance equipment and administrative activities, air cargo pallets and nets, and aircraft arresting systems; (6) special support projects, Air Force elements of the atomic energy surveillance program and industrial preparedness technology modernization efforts to support production of equipment funded in this appropriation; and (7) modifications to improve reliability and maintainability of equipment.

The FY 1986 Program requested for authorization will continue procurement of the same type equipment requested in FY 1985.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, budget and authorization year program.

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
1. Test Equipment	\$ 54,469	\$ 62,270	\$ 56,648	\$ 100,318
2. Personal Safety and Rescue Equipment	23,184	29,787	55,095	175,906
3. Depot Plant and Materials Handling Equipment	29,317	36,889	43,634	56,106
4. Electrical Equipment	18,503	24,962	23,376	43,191
5. Base Support Equipment	251,478	252,344	228,803	374,643
6. Special Support	2,698,261	3,631,163	4,595,040	5,042,488
 Total Direct Program Requirements	 \$ 3,075,212	 \$ 4,037,415	 \$ 5,002,596	 \$ 5,792,652

Major procurements planned in FY 1985 include:

Test Equipment - Provides calibration standards and precision measurement equipment for Precision Measurement Equipment Laboratories and the Aerospace Guidance Meteorology Center; oscilloscopes, signal generators, electronic counters, level meter and display; and other electronic test equipment purchases less than \$900,000 each. The \$5.6 million decrease from FY 1984 to FY 1985 is attributable to a decrease in procurement of a wide variety of test equipment.

Personal Safety and Rescue Equipment - Provides chemical/biological defense protection equipment, night vision goggles, life rafts/preservers, and other safety and rescue equipment. The \$25.3 million increase in FY 1985 over FY 1984 is due primarily to an increase in procurement of chemical/biological defense equipment.

Depot Plant and Materials Handling Equipment - Includes mechanized material handling equipment for five Air Logistic Centers, various air bases, passenger terminals, and freight terminals; and other base level maintenance and repair shop equipment costing less than \$900,000 each. The net increase of \$6.7 million in FY 1985 over FY 1984 is due primarily to the automation of various warehouse and distribution centers in the Base Mechanization Equipment program.

Electrical Equipment - Provides mobile electric generators, floodlights and other electrical items costing less than \$900,000 each. The generators provide primary and/or utility power to alert hangers, communications systems, radar systems, aircraft maintenance shops, control towers and runway lighting. There is an increase in the procurement of mobile electric generators and a decrease in flood light procurements causing a net decrease of \$1.6 million from FY 1984 to FY 1985.

Base Support Equipment - Provides for local purchase investment equipment with a unit cost of \$3,000 or more and centrally procured equipment such as aircraft arresting systems, cargo pallets, photographic equipment and spares and repair parts. The \$23.5 million net decrease from FY 1984 to FY 1985 is due primarily to a modest increase in Base Procured Equipment, Medical/Dental Equipment and Air Base Survivability combined with decreases in Mobility Equipment and Tactical shelters.

Special Support Projects - Includes intelligence equipment and systems, industrial preparedness, and equipment modifications. An increase of \$682.2 million for Selected Activities and an increase of \$272.4 million in the Special Update Program along with increases and decreases in various program lines account for the \$963.8 million increase over FY 1984.

1984 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1984 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENTS

	Program Requirements 1984 Budget	(In Thousands of Dollars) Program Requirements 1985 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$ 1,170,218	\$ 863,969	-306,249
Vehicular Equipment	333,610	314,050	-19,560
Electronics and Telecommunications Equipment	1,892,144	1,680,503	-211,641
Other Base Maintenance and Support Equipment	4,216,240	4,037,415	-178,825
Reimbursable Program	233,800	228,050	-5,750
TOTAL	\$ 7,846,012	\$ 7,123,987	-722,025

EXPLANATION BY BUDGET ACTIVITY

1. Munitions and Associated Equipment (\$-306.2 million). Congress cut the President's FY 1984 Amended Budget by \$286.6 million: 30MM Training (-3.2M), MK-82 Bomb Empty (-1.0M), BSU-50 Inflatable Retarder (-4.1M), Laser Bomb Guidance Kit (-167.8M), CBU-89 Gator (-77.4M), CBU-87 CEM (-3.5M), Flare, IR MJU-7B (-7.9M), FMU-81 Fuze (-5.4M), share of general reduction for inflation (-26.3M). Congress added \$10.0M for GBU-15. DOD cut \$19.6M from various munitions items on PBD 178 due to SMCA repricing of which \$18.3M was transferred to other appropriations - Missile Procurement, Air Force (+9.0M) Procurement Defense Agencies (+4.5M), RDT&E, Air Force (+1.1M), O&M, Air Force (+.7M) and O&M Defense Agencies (+3.0M) and \$1.3M was moved to the Communications Electronics account.

2. Vehicular Equipment (\$-19.6 million). Congress made a general reduction of \$10.0 million and the share of the general reduction for inflation was \$9.6M.

3. Electronics and Telecommunications Equipment (\$-211.6 million). Congress reduced the President's FY 1984 Amended Budget by \$212.9 million: Intelligence Data Handling System (-1.9M), OTH-B Radar (-80.0M), TERE ground processor (-10.9M), Automatic Data Processing Equipment (-10.3M), Joint Tactical Communications Program (-41.5M), Spares and Repair Parts (-17.5M), share of general reduction for inflation (-50.8M). OSD added \$1.3M for special activities to this account. The cut of \$17.5M in spares was associated with the OTH-B radar (-9.3M) and a general reduction (-8.2M).

4. Other Base Maintenance and Support Equipment (\$-178.8 million). Congress cut the President's FY 1984 Amended Budget by \$178.8: Chemical/Biological Defense Program (-16.3M), Base Procured Equipment (-4.6M), RDF Mobility Equipment (-12.0M), Selected Activities (-81.5M), Industrial Preparedness (-4.0M) and the share of the general reduction for inflation was \$60.4M. The \$4.0M in Industrial Preparedness was transferred to RDT&E.

5. Reimbursable Program (\$-5.8 million) The decrease of \$5.8 million is due to a revised estimate of customer orders in FY 1984.

COMPARISON OF FY 1984 FINANCING AS REFLECTED
IN FY 1984 BUDGET WITH FY 1984 FINANCING AS
SHOWN IN FY 1985 BUDGET

	(In Thousands of Dollars)		
	Financing Per FY 1984 Amended Budget	Financing Per FY 1985 Budget	Increase (+) or Decrease (-)
Program requirements	7,846,012	7,123,987	-722,025
Program requirements (Service Account).....	7,612,212	6,895,937	-716,275
Program requirements (Reimbursable).....	233,800	228,050	-5,750
Less: Anticipated Reimbursements	233,800	228,050	-5,750
Add: Transferred to other accounts		18,295	+18,295
Appropriation.....	7,612,212	6,914,232	-697,980

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1984 program has decreased \$722,025 thousand since submission of the FY 1984 budget. Adjustments by category of financing are explained below:

1. Anticipated Reimbursements. The decrease is due to a revised estimate of customer orders.
2. Transferred to Other Accounts. The increase is due to OSD directed transfer to finance higher priority requirements in other appropriations.
3. Congressional Reductions. Congress reduced the FY 1984 President's Budget by \$697,980 thousand as follows: Munitions (\$-260,255 thousand); Vehicles (\$-10,000 thousand); Communications-Electronics (\$-162,228 thousand); and Other Base Maintenance (\$-118,497 thousand). A further reduction of \$147,000 thousand was made for overall inflation.

1983 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1984 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENT

(In Thousands of Dollars)

	Program Requirements 1984 Budget	Program Requirements 1985 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$ 780,510	\$ 759,685	-20,825
Vehicular Equipment	346,876	346,876	0
Electronics and Telecommunications Equipment	1,327,415	1,330,177	+2,762
Other Base Maintenance and Support Equipment	3,086,139	3,075,212	-10,927
Reimbursable Program	220,800	189,088	-31,712
TOTAL	\$5,761,740	\$5,701,038	-60,702

EXPLANATION BY BUDGET ACTIVITY

1. Munitions and Associated Equipment (\$-20.8 million). \$2.0 million of 30MM HEI was transferred to the Air Force O&M appropriation on a DD 1415. \$22.0 million was transferred to the Communication-Electronics Budget Activity on a DD 1415 for the Presidentially directed STU-II reprogramming. The MK-206 Cartridge Flare was used as a \$5.4 million source on a Defense Agencies O&M reprogramming DD 1415. Congress rejected this as a source and it was added back to the Munitions account. \$2.2 million from the FMU-113 Fuze line was transferred to Other Base Maintenance and Support Equipment for a classified program.

2. Vehicular Equipment (\$+2.2 million). No change.

3. Electronics and Telecommunications Equipment (\$+2.8 million). \$27.7 million was transferred to Military Personnel and Operation and Maintenance on DD 1415s. \$22.0 million for STU-II equipment was transferred from Munitions and Associated Equipment on DD 1415. A net \$8.5 million was transferred from Other Base Maintenance and Support Equipment in below threshold reprogrammings.

4. Other Base Maintenance and Support Equipment (\$-10.9 million). Transfers to the O&M appropriation on a DD 1415 include Chemical/Biological Defense Equipment (\$2.0M), Power Plant (\$3.7M) and Modifications (\$2.1M). \$9.8 million was transferred to the Communication-Electronics spares program. \$2.2 million was transferred from Munitions to Other Base Maintenance for a classified program. \$1.3 million was transferred from Communications-Electronics to Other Base Maintenance for a classified program. \$3.2 million was added for Host Nation Support by the FY 1983 Supplemental.

5. Reimbursable Program (\$-31.7 million). The decrease of \$31.7 million is due to a revised estimate of customer orders in FY 1984.

Comparison of FY 1983 Financing as Reflected
In FY 1984 Budget with FY 1983 Financing as
Shown in FY 1985 Budget

	(In Thousands of Dollars)		
	Financing Per FY 1984 Amended Budget	Financing Per FY 1985 Budget	Increase (+) or Decrease (-)
Program Requirement	5,761,740	5,701,038	-60,702
Program Requirement (Service Account)	5,540,940	5,511,950	-28,990
Program Requirements (Reimbursable)	220,800	189,088	-31,712
Less:			
Anticipated Reimbursements	220,800	189,088	-31,712
Reappropriation	4,963	4,963	-
Add:			
Reductions Pursuant to P.L. 97-377	17,800	17,800	-
Transferred to Other Accounts	10,000	42,200	+32,200
Appropriation	5,563,777	5,566,987	+3,210

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1983 program has decreased \$60,702 thousand since submission of the FY 1984 budget. Adjustments by category are explained below:

1. Anticipated Reimbursements. The decrease of \$31,712 thousand is due to receipt of fewer customer orders than anticipated.
2. Transferred to Other Accounts. The increase is due to DD 1415 Reprogrammings approved by Congress for transfer of funds to the Military Personnel Appropriation and the Operation and Maintenance Appropriation.
3. Increase to Appropriation. The \$3,210 thousand increase results from Congressional approval of the FY 1983 Supplemental Request.